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(54) Title: MICRODISPERSION AND METHOD OF PRODUCING SAME

(57) Abstract: The invention describes homogeneous microdispersions comprising at least one hydrogenated or partially hydrogenated membrane lipid with or without enzyme hydrolysis, dispersed in substantially non aqueous, non volatile hydrophilic medium with boiling point above 40°C. More preferably the compositions comprise a mixture of hydrogenated monoacyl and hydrogenated diacyl-lipids and at least one oil. The phospholipid mixture is obtained by controlled enzyme hydrolysis of lecithin or a specific phospholipid, followed by hydrogenation. The compositions have improved rheology, physical and chemical properties, functionality and industrial applicability. The microdispersions are used as such in all types of applications and as functional components with active compounds in products, particularly for improving skin function and facilitating skin repair due to UV damage and aging, in cosmetics and other topical products.